

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1072	(rotor and stator) and (bead\$2) and filter\$2	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 14:33
L2	27	1 and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 14:34
L3	13	(rotor and stator) and (bead\$2) and filter\$2 and "137"/\$	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 14:35
L4	1078	(rotor and stator) and (bead\$2) and filter\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:38
L5	27	4 and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:39
L6	24833	(valve) and (bead\$2) and filter\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:40
L7	226908	(valve) same (bead\$2 or filter\$2 or membrane)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:41
L8	7818	7 and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:41
L9	414	8 and rotor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:42

L11	73	9 and injector	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 15:30
S1	899	((rotary or rotation\$3) near4 valve) and (chamber\$2 or assay \$2 or well\$2 or container\$2) and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:39
S2	14	("4231990" "4506558" "4726237" "4983523" "5105851" "5143084" "5374522" "5652141" "5856174" "5882903" "5922591" "6043080" "6100084" "6168948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/24 16:04
S3	14	("4506558").URPN.	USPAT	OR	OFF	2005/05/24 16:04
S4	31	Dority.in. and Douglas. in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S5	32017	Chang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S6	153	S5 and Ronald.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S7	2	("6178832").URPN.	USPAT	OR	OFF	2005/05/25 11:19
S8	7	("3321125" "4546659" "5218874" "5417121" "5827586" "5898113").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 11:19
S9	899	((rotary or rotation\$3) near4 valve) and (chamber\$2 or assay \$2 or well\$2 or container\$2) and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:54
S10	454	S9 and (detector\$2 or sensor\$2) and (piston \$2 or syringe\$2 or pump\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:55

S11	46	("3258899" "3323292" "3324631" "3430418" "3564816" "3738087" "3986849" "4194890" "4247311" "4272265" "4512781" "4559065" "4673419" "4698075" "4761165" "4806134" "4877429" "4925464" "5002591" "5286282" "5286283" "5340381" "5522150" "5549736" "5575541" "5578115" "5632804" "5662727" "5766310" "5827354" "5901459" "5902551" "5928415" "5961698" "5997617" "6036754" "6063161" "6146450" "6152163" "6200365" "6290759").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:09
S12	10	("20030209283" "2757839" "4426021" "4827993" "5168905" "5566733" "6063339" "6637471" "6641517").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:18
S13	20	("0843935" "1468502" "1542452" "3274895" "4280416" "4702269" "5016547" "5460789" "5547640" "5562442" "5584916" "5871347" "5871349" "5983986" "6203316" "6298877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:21
S14	19	("5460789").URPN.	USPAT	OR	OFF	2005/05/25 12:28
S15	17	("5562442").URPN.	USPAT	OR	OFF	2005/05/25 12:30

S16	20	("0843935" "1468502" "1542452" "3274895" "4280416" "4702269" "5016547" "5460789" "5547640" "5562442" "5584916" "5871347" "5871349" "5983986" "6203316" "6298877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 12:31
S17	38	("3458437" "4038874" "4444066" "4631687" "4711764" "4816226" "4926702" "4980130" "4999439" "5049509" "5071547" "5106756" "5108928" "5205845" "5240604" "5277871" "5443791" "5474744" "5492831" "5574216" "5603899" "5670054" "5711786" "5766481" "5772874" "5783450" "5814742" "5900934" "5918273" "5919368" "5938932" "5942433" "6040186" "6054047" "6080318" "6197198" "6210571").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 14:47
S18	15	("4444066").URPN.	USPAT	OR	OFF	2005/05/25 14:50
S19	12	("4889692").URPN.	USPAT	OR	OFF	2005/05/25 14:57
S20	0	("6387710").URPN.	USPAT	OR	OFF	2005/05/25 15:03
S21	9	("4585623" "4598576" "4736636" "4889692" "5384095" "5523231" "5674394" "5863801" "5976369").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 15:03
S22	10	("5674394").URPN.	USPAT	OR	OFF	2005/05/25 15:11

S23	12	("4889692").URPN.	USPAT	OR	OFF	2005/05/25 15:32
S24	0	"60107021"	USPAT	OR	OFF	2005/05/25 15:32
S25	1	"5976369".PN.	USPAT; USOCR	OR	OFF	2005/05/25 15:32
S26	42	("3223083" "4277463" "4347243" "4359049" "4373023" "4852568" "5000854" "5151192" "5192300" "5275616" "5292332" "5310407" "5318524" "5383896" "5413571" "5437292" "5443481" "5447502" "5510102" "5529577" "5532311" "5571181" "5585007" "5591205" "5601602" "5624669" "5674394" "5676689" "5716375" "5741223" "5788662" "5795571" "5814066" "5830130" "5843124" "5916236" "5957952" "6007563" "6033427" "6146771" "6197289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:20
S27	22376	(syringe\$2 or dispenser \$2 or applicat\$2) with valve\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:21
S28	42	("3223083" "4277463" "4347243" "4359049" "4373023" "4852568" "5000854" "5151192" "5192300" "5275616" "5292332" "5310407" "5318524" "5383896" "5413571" "5437292" "5443481" "5447502" "5510102" "5529577" "5532311" "5571181" "5585007" "5591205"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:22

		"5601602" "5624669" "5674394" "5676689" "5716375" "5741223" "5788662" "5795571" "5814066" "5830130" "5843124" "5916236" "5957952" "6007563" "6033427" "6146771" "6197289").PN.				
S29	26	("2667075" "3024660" "3405706" "3545932" "3561427" "3595086" "3730352" "3785928" "3901653" "3963151" "4004884" "4025311" "4042337" "4126043" "4227413" "4710474" "4847205" "4852560" "4854182" "4865813" "4889692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:26
S30	25	("4004975" "4159896" "4343793" "4359049" "4362567" "4427650" "4627879" "4680025" "4696748" "4735616" "4800022" "4978336" "5039401" "5185001" "5290552" "5304372" "5318782" "5330974" "5405607" "5428008" "5437598" "5464535" "5585007" "5601727" "5674394").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:28

S31	23	("3964513" "4068528" "4152391" "4346610" "4445391" "4506558" "4507977" "4702889" "4726237" "4726932" "4896546" "4948565" "4957008" "5207109" "5251670" "5390552" "5437200" "5524496" "5542305" "5601115" "5650577" "5763795" "5803117").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 14:09
S32	17	"4068528"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 14:09
S33	17	"4068528"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 15:19
S34	4	(valve\$2) and (dipenser \$2) and bead\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 15:20
S35	8	(dipenser\$2) and bead \$2	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/26 15:20
S36	2589	"422"/\$ and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:39
S37	680	S36 and ultrasonic	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:40
S38	348	S37 and valve\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:41
S39	36	S37 and (valve\$2 near4 rota\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:13
S40	1278	gordon.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S41	143	S40 and Brian.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S42	12	S41 and transducer	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S43	10566	(valve\$2 with transducer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:14

S44	34	S43 and "347"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:14
S45	8	("4072959" "4340083" "4629926" "4875058" "6164621" "6173744" "6257445" "6499509").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/31 13:16
S46	30	("4340083").URPN.	USPAT	OR	OFF	2005/05/31 13:19
S47	29	"4812221"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/15 14:53
S48	2	"20040203055"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 19:10
S49	31	"6495104"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 17:18
S50	1	"20040203055"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 19:10
S51	1	"20040203055"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/02 13:28
S52	2	("5808179" "6004514").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:45
S53	5	("6365105").URPN.	USPAT	OR	ON	2010/02/03 16:46
S54	9	("4585623" "4598576" "4736636" "4889692" "5384095" "5523231" "5674394" "5863801" "5976369").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:52
S55	4	("4736636").URPN.	USPAT	OR	ON	2010/02/03 16:53
S56	0	("6387710").URPN.	USPAT	OR	ON	2010/02/03 16:56
S57	0	("6387710").URPN.	USPAT	OR	ON	2010/02/03 16:56
S58	12	("5384095").URPN.	USPAT	OR	ON	2010/02/03 16:57

S59	17	("2719426" "3223123" "3368385" "3411525" "3477207" "3508582" "3933436" "4506558" "4625569" "4690179" "4706627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:59
S60	17	("2719426" "3223123" "3368385" "3411525" "3477207" "3508582" "3933436" "4506558" "4625569" "4690179" "4706627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:07
S61	28	("3223123").URPN.	USPAT	OR	ON	2010/02/03 17:08
S62	18	("2985589" "3040777" "3192954" "3223123" "3422848" "3451428" "3460574" "3477207" "3747630" "4402832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:09
S63	0	("3562506").URPN.	USPAT	OR	ON	2010/02/03 17:13
S64	0	("3562506").URPN.	USPAT	OR	ON	2010/02/03 17:13
S65	10	("2113798" "3040777" "3223123" "3229705" "3339569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:13
S66	92	("3040777").URPN.	USPAT	OR	ON	2010/02/03 17:13
S67	14	("2262224" "2979963" "2985589" "3040777" "3186434" "3192954" "3422848").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:15
S68	16	("3192954").URPN.	USPAT	OR	ON	2010/02/03 17:16
S69	10	("2985589" "3192954" "3706812" "3814129" "4068528" "4263937" "5105851").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:17
S70	2	("6904936").URPN.	USPAT	OR	ON	2010/02/03 17:18

S71	92	("3040777").URPN.	USPAT	OR	ON	2010/02/03 17:19
S72	18	("2946348" "2972357" "2985589" "3040777" "3192954" "3422848" "3542072" "3977434" "4335745" "4402832" "4480662").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:20
S73	7	("3542072").URPN.	USPAT	OR	ON	2010/02/03 17:21
S74	30	("4231990" "4506558" "4726237" "4983523" "5105851" "5142084" "5374522" "5652141" "5856174" "5882903" "5922288" "5922591" "5935858" "6043080" "6100084" "6168948").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 17:22
S75	16	("3889151" "4399361" "5176203" "5229580" "5364790" "5415839" "5422271" "5451500" "5460780" "5475610" "5585069" "5593838" "5602756" "5616301" "5643738" "5654200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:27
S76	16	("3889151" "4399361" "5176203" "5229580" "5364790" "5415839" "5422271" "5451500" "5460780" "5475610" "5585069" "5593838" "5602756" "5616301" "5643738" "5654200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:43
S77	7	("3542072").URPN.	USPAT	OR	ON	2010/02/03 17:43

S78	342	(rotor) and actuator and chamber\$2 and "422"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 17:44
S79	1220	(rotor) and stator and membrane and chamber\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:08
S80	80	S79 and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:08
S81	14	"3985155"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:11
S82	8	("4242909" "4625569" "5400824" "5865417" "6012488" "6155123" "6267143" "6585296").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:16
S83	10	("2743739" "2948299" "2964061" "5316042" "5623965" "5803117" "5810049").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:19
S84	13	("5316042").URPN.	USPAT	OR	ON	2010/02/12 13:20
S85	28	("2079041" "2741265" "2918938" "2974681" "3008490" "3040777" "3198004" "3246667" "3658092" "3972350" "4490961" "4509555" "4700745" "4791775" "4807424" "4991375" "5096052" "5261451" "5316042" "5345747").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:21

EAST Search History (Interference)

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2/ 12/ 2010 4:11:43 PM

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